

Title (en)  
Sealing device

Title (de)  
Abdichtungsvorrichtung

Title (fr)  
Dispositif d'étanchéité

Publication  
**EP 1050942 A2 20001108 (EN)**

Application  
**EP 00202487 A 19960827**

Priority  
• EP 96929078 A 19960827  
• US 52032495 A 19950828

Abstract (en)  
An apparatus (1) for sealing the end of an elongate cable (73) such as a heating cable comprises (1) a housing (3) with a first open end (5) and a second open end (7) and a strain relief element (27) positioned within the housing, (2) a flexible container (43) which can be positioned over the cable end (75) and (i) is of generally tubular shape, (ii) has an interior surface (53) and an exterior surface (55), (iii) has a first open end (47) and a second closed end (49), and (iv) contains a sealant (77); and (3) a cap (61) which can be mated with the housing at the second open end, and cover the flexible container. The apparatus has excellent moisture-resistant properties even after repeated exposure to high temperatures, is reenterable, and can be readily mounted on a substrate such as a pipe. Also disclosed is an apparatus (80) for sealing a core (103) of an elongate heating cable (101). The apparatus comprises a flexible container (81) in which a first portion (83) is attached to a second portion (89) which comprises first and second leg portions (91,93) suitable for insertion of first and second elongate electrodes (105,107) of the heating cable.  
<IMAGE>

IPC 1-7  
**H02G 15/04**

IPC 8 full level  
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